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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 90606.80/ok U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/564425 |
| INTERNATIONAL APPLICATION NO. PCT/JP2005/010639 | INTERNATIONAL FILING DATE June 3, 2005 | PRIORITY DATE CLAIMED June 10, 2004 |
| TITLE OF INVENTION TITANIUM ALLOY PART AND METHOD FOR PRODUCING THE SAME | | |
| APPLICANT(S) FOR DO/EO/US Takaharu SUZUKI and Shuhei ADACHI | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/564425</div> | INTERNATIONAL APPLICATION NO. PCT/JP2005/010639 | ATTORNEY'S DOCKET NUMBER 90606.80/ok | | | | | | | | | | | | | | |
|--|--|---|---|--------------|--------------|-----------|---|---------|---|---------|------|---------|---|--|------|--|
| 20. Other items or information: Six (6) pages of formal drawings, including figures 1A-10. | | | | | | | | | | | | | | | | |
| The following fees have been submitted | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:60%;">CALCULATIONS</th> <th style="width:40%;">PTO USE ONLY</th> </tr> </table> | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | |
| CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 300.00</td> <td style="width:40%;"></td> </tr> </table> | | \$ 300.00 | | | | | | | | | | | | | |
| \$ 300.00 | | | | | | | | | | | | | | | | |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 200.00</td> <td style="width:40%;"></td> </tr> </table> | | \$ 200.00 | | | | | | | | | | | | | |
| \$ 200.00 | | | | | | | | | | | | | | | | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 400.00</td> <td style="width:40%;"></td> </tr> </table> | | \$ 400.00 | | | | | | | | | | | | | |
| \$ 400.00 | | | | | | | | | | | | | | | | |
| TOTAL OF 21, 22 and 23 = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">900.00</td> <td style="width:40%;"></td> </tr> </table> | 900.00 | | | | | | | | | | | | | |
| 900.00 | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:40%;"></td> </tr> </table> | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Total Sheets</th> <th style="width:20%;">Extra Sheets</th> <th style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width:20%;">RATE</th> </tr> <tr> <td>45 - 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250</td> </tr> </table> | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | 45 - 100 = | 0 /50 = | 0 | x \$250 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 0</td> <td style="width:40%;"></td> </tr> </table> | | \$ 0 | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | | | | |
| 45 - 100 = | 0 /50 = | 0 | x \$250 | | | | | | | | | | | | | |
| \$ 0 | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$</td> <td style="width:40%;"></td> </tr> </table> | \$ | | | | | | | | | | | | | |
| \$ | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>17 - 20 =</td> <td>0</td> <td>x \$ 50</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200</td> </tr> </table> | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 17 - 20 = | 0 | x \$ 50 | Independent claims | 2 - 3 = | 0 | x \$200 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 0</td> <td style="width:40%;"></td> </tr> </table> | | \$ 0 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | |
| Total claims | 17 - 20 = | 0 | x \$ 50 | | | | | | | | | | | | | |
| Independent claims | 2 - 3 = | 0 | x \$200 | | | | | | | | | | | | | |
| \$ 0 | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">+ \$360</td> <td style="width:40%;"></td> </tr> </table> | + \$360 | | | | | | | | | | | | | |
| + \$360 | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$900.00</td> <td style="width:40%;"></td> </tr> </table> | \$900.00 | | | | | | | | | | | | | |
| \$900.00 | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"></td> <td style="width:40%;"></td> </tr> </table> | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| SUBTOTAL = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 900.00</td> <td style="width:40%;"></td> </tr> </table> | \$ 900.00 | | | | | | | | | | | | | |
| \$ 900.00 | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$</td> <td style="width:40%;"></td> </tr> </table> | \$ | | | | | | | | | | | | | |
| \$ | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 900.00</td> <td style="width:40%;"></td> </tr> </table> | \$ 900.00 | | | | | | | | | | | | | |
| \$ 900.00 | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$ 0</td> <td style="width:40%;"></td> </tr> </table> | \$ 0 | | | | | | | | | | | | | |
| \$ 0 | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">\$900.00</td> <td style="width:40%;"></td> </tr> </table> | \$900.00 | | | | | | | | | | | | | |
| \$900.00 | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Amount to be refunded:</td> <td style="width:40%;">\$</td> </tr> </table> | Amount to be refunded: | \$ | | | | | | | | | | | | |
| Amount to be refunded: | \$ | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Amount to be charged</td> <td style="width:40%;">\$</td> </tr> </table> | Amount to be charged | \$ | | | | | | | | | | | | |
| Amount to be charged | \$ | | | | | | | | | | | | | | | |

10/564425

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

IAP20 Rec'd PCT 11 JAN 2006

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Correspondence Address associated with
Customer Number: 54071


SIGNATURE

Joseph R. Keating
NAME

37,368
REGISTRATION NUMBER

10/564425

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VIA Express Mail EV786328109US

Docket Number

90606.80/ok

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| Applicant: Takaharu SUZUKI and Shuhei ADACHI | International Application No.: PCT/JP2005/010639 |
| Serial No.: Currently unknown | International Filing Date: June 3, 2005 |
| Filing Date: Concurrently herewith | |
| Title: TITANIUM ALLOY PART AND METHOD FOR PRODUCING THE SAME | |

GENERAL AUTHORIZATION/REQUEST TO CHARGE PAYMENT OF FEES

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

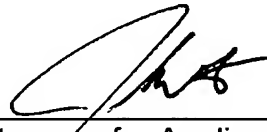
With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicants hereby authorize and request the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

General Authorization/Request
January 11, 2006
Page 2 of 2

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AP20 REG'D F... 11 JAN 2006

The Commissioner is authorized to charge payment of any fees or credit any overpayment to Deposit Account No. 50-1353.

Respectfully submitted,



Attorneys for Applicants

Joseph R. Keating
Registration No. 37,368

Christopher A. Bennett
Registration No. 46,710

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Stephen R. Funk
Registration No. 57,751

Date: January 11, 2006

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